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| *Examiner Initial | | Docu Numi | | Date | Name | | Class | Subclas | 55 | | g Date ropriate | |
| gm | Α | 5,333 | ,266 | 06/26/94 | Boaz et al. | | -3°5789 | -200° Z | 16 | - | | |
| Am | В | 5,524 | ,193 | 06/04/96 | Covington et al. | | 707 | 154-3 | 5/2 | _ | | |
| Am | С | 5,600 | 7,775 | 02/04/97 | King et al. | | 207 | 800-5 | ספר | | | |
| Am | D | 5,633 | ,916 | 05/27/97 | Goldhagen et al. | | 379 | جج عقد | 8-17 | • | | |
| <i>\$</i> m | E | 5,699 | ,089 | 12/16/97 | Мштау | | 345 | كاستفش | 23 | _ | | |
| Am | F | 5,732 | ,216 | 03/24/98 | Logan et al. | | 300 FOG | 200.35 21 | 3 | | | |
| Am | G | 5,838 | ,313 | 11/17/98 | Hou et al. | | 707 | 202- | . , | | | |
| 8M | Н | 5,893 | ,087 | 04/06/99 | Wlaschin et al. | | 707 | 3 | | _ | | |
| AM | ı | 5,923 | ,848 | 07/13/99 | Goodhand et al. | | 709 | 200.43 21 | 9 | - | | |
| Am | ر ا | 5,991 | ,365 | 11/23/99 | Pizano et al. | | 379 | 88.13 | | - | | |
| An | к | 6,081 | ,829 | 06/27/00 | Sidana | | 709 | 203 | | | | |
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| AM | | 2 301 | 260 A | 11/27/96 | GB | | ~ | | | | | |
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| | | | | OTHER PRI | OR ART (including Author, Title, Date, Pert | inent Pages, Etc.) | | | | | | |
| M | E | | Abowd et al., "Teaching pp. 187-198 | and Learning as N | Multimedia Authoring: The Classroom 2000 | Project", Proceedings of the | Multimedia '96 | , Boston, M | MA, USA, No | ov 1996, A | ACM Press, | |
| An | F | | Bessler et al., "DIANE: | A Multimedia An | notation System, Proceedings of the ECMAS | T '97, Milan, Italy, May 19 | 97 | | | | > | |
| an | G | | Carrer et al., "An Annota | ation Engine for S | upporting Video Database Population", Mult | imedia Tools and Application | ns 5, 1997, Klu | wer Acade | mic Publisher | s, pp. 233 | 3-258 | |
| m | н | | Chalfonte et al., "Expres | sive Richness: A | Comparison of Speech and Text as Media for | r Revision", Proceedings of | the CHI' 91, 19 | 91, ACM I | Press, pp. 21- | 26 | | |
| Am | 1 | | Davis et al., "CoNote Sy | stem Overview, 1 | 995, Available at http://www.cs.cornell.edu/h | ome/dph/annotation/annotat | ions.html | | | | | |
| Am | J | | Gaines et al., "Open Arch | hitecture Multime | dia Documents", Proceedings of the Multimer | dia '93, Anaheim, CA, Aug | 1993, ACM Pre | ss, pp. 137 | 7-46 | | | |
| EXAMINER | 4 | | , MMS | Ò | DATE CONSIDERED | 89- | 19- | مر | / | | | |
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| , | | | | OTHER PR | IOR ART (includ | ling Author, Title, Date, Per | tinent Pages, Etc.) | | | | _ |
| Am | Е | | Gould et al., "Relativity | Controller: Refle | ecting User Perspe | ective in Document Spaces," | Adjunct Proceedings of IN | TERCHI *93, 19 | 93, ACM Pres | s, pp. 125-126 | |
| gn | F | | Kim et al., "VIRON: An | Annotation-Base | d Video Informati | ion Retrieval System," Proce | redings of COMPSAC '96, | Scoul, South Ke | orea, Aug 1996 | , IEEE Press, pp. 2 | 98-303 |
| m | G | | Laliberte et al., "A Proto annotations.html | col for Scalable (| Group and Public | Annotations", 1997 NCA T | echnical Proposal, available | at http://union. | ncsa.uiuc.edu/~ | -liberte/www/scalai | ble- |
| m | н | | Lawton et al., "The Kno | wledge Weasel H | ypermedia Annota | ation System", Proceedings | of the HyperText '93, Nov 1 | 993, ACM Pres | s, pp. 106-117 | | |
| Am | 1 | | Lee et al., "Video Indexi | ng – An Approac | h Based on Movir | ng Object and Track", Proce | edings of the SPIE, vol. 190 | 8, 1993, pp. 25 | -36 | | |
| . M | J | | Marshall, "Toward and I | Scology of Hyper | text Annotations" | , Proceedings of the HyperT | ext, Pittsburgh, PA, June 19 | 998, ACM Press | , pp. 40-48 | | |
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| | | • | | OTHER PR | IOR ART (including Author, Title, Date, Pert | inent Pages, Etc.) | | · . <u>-</u> | | и |
| Am | Е | | Neuwirth et al., "Distrib Boston, MA, April 1994 | | e Writing: A Comparison of Spoken and Wri 51-57 | tten Modalities for Reviewin | g and Revising | Documents" | , Proceedings of the | СНІ '94, |
| Am | F | | Phelps et al., "Multivale | nt Annotations, Pr | roceedings of the First European Conference of | n Research and Advanced T | echnology for l | Digital Libra | rics", Pisa, Italy, Sq | pt 1997 |
| An | G | | | | ns as a Platform for Third-Party Value-Added , Available at http://www.diglib.stanford.edu/ | | chitecture, Prot | ocols, and Us | sage Examples", Tec | chnical Report |
| Par | Н | | | | r Annotations and Other Meta Information on ilable at http://www.Sconf.inria.fr/fich_html/p | | ceedings of the | Fifth Internat | tional World Wide V | |
| pm | 1 | | Smith et al., "What Shot Press, pp. 193-201 | ald a Wildebeest S | Say? Interactive Nature Films for High School | Classrooms", Proceedings of | of the ACM Mu | ıltimedia '97, | , Scattle, WA, Nov I | 997, ACM |
| fu | 1 | | Smith, M., "DynaText: / | An Electronic Pub | lishing System", Computers and the Humanit | ies 27, 1993, pp. 415-420 | | | | |
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| | _ | | OTHER PR | RIOR ART (including Author, Title, Date, Pert | inent Pages, Etc.) | | | | |
| AM | Е | Stanford Online: Master | rs in Electrical En | gineering, http://scpd.stanford.edu/cee/telecom | /onlinedegree.html | | | | |
| Am | F | Weber et al., "Marquee | : A Tool for Real | -Time Video Logging", Proceedings of CHI '9 | 4, Boston MA, April 1994, | ACM Press, p | p. 58-64 | | |
| Am | G | Wei, S.X., "MediaWea Publishers, pp. 97-111 | ver – A Distribute | d Media Authoring System for Networked Sch | olarly Workspaces", Multin | nedia Tools and | d Applications 6, | 1998, Kluwer A | cademic |
| AM | н | Roscheisen et al., "Beyo | and Browsing: Sh | nared Comments, SOAPs, Trails, and On-Line | Communities", Computer N | etworks and IS | SDN Systems 27, | 1995, рр. 739-7 | 49 |
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| Am | | 5,526,407 | | Russell et al | 06-11-1996 | 379/88.01 | |
| f: | | 6,105,055 | | Pizano et al. | 08-15-2000 | 709/204 | |
| | | 6,009,462 | | Birrell et al. | 12-28-1999 | 709/206 RECE | 11 / |
| T | | 5,903,892 | | Hoffert et al. | 05-11-1999 | 70% RECE | IVHI |
| | | 6,173,317 | | Chaddha et al. | 01-09-2001 | 709/219 | |
| 1 | | 6.230.172 | | Purnavieja et al. | 05-08-2001 | 73/5/2 JAN 3 | 2002 |
| A | | 6,173,287 | | Eberman et al. | 01-09-2001 | プップ// Technology Ce | nto- 044 |
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| Am | | "Mastering Microsoft Office 97", Mosely and Boodey, SYBEX, Inc., 1996, pp. 755-763 and pp. 811-816 | |
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